

095-US1 sequ 1stg.ST25.txt
SEQUENCE LISTING

<110> Sylvia G. Kachalsky, Alexander Faerman and Yehuda PeI-Or

<120> STR50 and uses thereof

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<141> Herewith

<150> 60/393251

<151> 2002-07-01

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<170> PatentIn version 3.2

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70 75 80	
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Val Leu Gln Asp Cys Ile Arg His Cys Asn Asn Gly Ile Pro Glu Asp	
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Ser Lys Val Glu Gly Pro Ala Phe Thr Asp Ala Ile Arg Met Tyr Arg	
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Gln Ser Lys Glu Leu Tyr Gly Thr Trp Glu Met Leu Cys Gly Asn Glu	
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Lys Ala Glu Leu Gly Pro Arg Leu Lys Gly Lys Pro Gln Glu Arg Gln	
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Arg Gln Trp Ile Gln Ile Ser Asp Ala Val Tyr His Met Val Tyr Glu	
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Gln Pro Ala Met Gln Ala Val Ile Arg Thr Asp Met Asp Gln Ile Ile	
375 380 385	
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Thr Ser Lys Glu His Leu Ala Ser Lys Ile Arg Ala Phe Ile Leu Pro	
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Lys Ala Glu Val Cys Val Arg Asn His Val Gln Pro Tyr Ile Pro Ser	
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Ile Leu Glu Ala Leu Met Val Pro Thr Ser Gln Gly Phe Thr Glu Val	
425 430 435	
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Arg Phe Phe Arg Glu Ala Leu Leu Gln Ile Ser Ile Pro Phe Leu Leu	
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Val Met His Asn Ser Asp Pro Asn Leu His Leu Leu Ala Glu Gly Ala	
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Pro Gln Pro Lys Ala Ala Pro Glu Ala Ser Ser Pro Pro Ala Ser Pro	
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Leu Gln His Leu Leu Pro Gly Lys Ala Val Asp Leu Gly Pro Pro Lys	
775 780 785	
ccc agc gac cag gag act gga gag cag gtg tcc agc ccc agc agc cac	3055
Pro Ser Asp Gln Glu Thr Gly Glu Gln Val Ser Ser Pro Ser Ser His	
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Arg Asn Arg Phe Ser Leu Val Pro His Asn Tyr Gly Leu Val Leu Tyr
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Glu Asn Lys Ala Ala Tyr Glu Arg Gln Val Pro Pro Arg Ala Val Ile
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Tyr Ala Arg His Tyr Tyr Phe Cys Met Met Thr Glu Ala Glu Gln Asp
 245 250 255

Lys Trp Gln Ala Val Leu Gln Asp Cys Ile Arg His Cys Asn Asn Gly
 260 265 270

Ile Pro Glu Asp Ser Lys Val Glu Gly Pro Ala Phe Thr Asp Ala Ile
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Arg Met Tyr Arg Gln Ser Lys Glu Leu Tyr Gly Thr Trp Glu Met Leu
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Cys Gly Asn Glu Val Gln Ile Leu Ser Asn Leu Val Met Glu Glu Leu
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Gly Pro Glu Leu Lys Ala Glu Leu Gly Pro Arg Leu Lys Gly Lys Pro
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Tyr Ile Pro Ser Ile Leu Glu Ala Leu Met Val Pro Thr Ser Gln Gly
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Phe Thr Glu Val Arg Asp Val Phe Phe Lys Glu Val Thr Asp Met Asn
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Glu Lys Leu Ser Arg Leu Ala Tyr His Pro Leu Lys Met Gln Ser Cys
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Tyr Glu Lys Met Glu Ser Leu Arg Leu Asp Gly Leu Gln Gln Arg Phe
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Arg Asp Ser Met Val Met His Asn Ser Asp Pro Asn Leu His Leu Leu
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Ser Pro Asp Gly Val Thr Glu Ile Arg Gly Leu Leu Ala Gln Gly Leu
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Arg Pro Glu Ser Pro Pro Pro Ala Gly Pro Leu Leu Asn Gly Ala Pro
740 745 750

Ala Gly Glu Ser Pro Gln Pro Lys Ala Ala Pro Glu Ala Ser Ser Pro
755 760 765

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Ile Leu Thr Glu Phe Leu Gln Phe Tyr Glu Asp Gln Tyr Gly Val Ala	
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Leu Phe Asn Ser Met Arg His Glu Ile Glu Gly Thr Gly Leu Pro Gln	
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Pro Lys Pro Ser Asp Gln Glu Thr Gly Glu Gln Val Ser Ser Pro Ser	
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Thr Glu Phe	
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 35 40 45

Pro Phe Leu Leu Gly Leu Ser Leu Trp Arg Met Gly Trp Met Gly Glu
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Lys Thr Gly Lys Ile Leu Thr Glu Phe Leu Gln Phe Tyr Glu Asp Gln
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Tyr Gly Val Ala Leu Phe Asn Ser Met Arg His Glu Ile Glu Gly Thr
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Gly Leu Pro Gln Ala Gln Leu Leu Trp Arg Lys Val Pro Leu Asp Glu
 100 105 110

Arg Ile Val Phe Ser Gly Asn Leu Phe Gln His Gln Glu Asp Ser Lys
 115 120 125

Lys Trp Arg Asn Arg Phe Ser Leu Val Pro His Asn Tyr Gly Leu Val
 130 135 140

Leu Tyr Glu Asn Lys Ala Ala Tyr Glu Arg Gln Val Pro Pro Arg Ala
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Val Ile Asn Ser Ala Gly Tyr Lys Ile Leu Thr Ser Val Asp Gln Tyr
 165 170 175

Leu Glu Leu Ile Gly Asn Ser Leu Pro Gly Thr Thr Ala Lys Ser Gly
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Ser Ala Pro Ile Leu Lys Cys Pro Thr Gln Phe Pro Leu Ile Leu Trp
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His Pro Tyr Ala Arg His Tyr Tyr Phe Cys Met Met Thr Glu Ala Glu
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Gln Asp Lys Trp Gln Ala Val Leu Gln Asp Cys Ile Arg His Cys Asn
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Asn Gly Ile Pro Glu Asp Ser Lys Val Glu Gly Pro Ala Phe Thr Asp
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Ala Ile Arg Met Tyr Arg Gln Ser Lys Glu Leu Tyr Gly Thr Trp Glu
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Met Leu Cys Gly Asn Glu Val Gln Ile Leu Ser Asn Leu Val Met Glu
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Glu Leu Gly Pro Glu Leu Lys Ala Glu Leu Gly Pro Arg Leu Lys Gly
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Lys Pro Gln Glu Arg Gln Arg Gln Trp Ile Gln Ile Ser Asp Ala Val
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Tyr His Met Val Tyr Glu Gln Ala Lys Ala Arg Phe Glu Glu Val Leu
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Asp Met Asp Gln Ile Ile Thr Ser Lys Glu His Leu Ala Ser Lys Ile
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Arg Ala Phe Ile Leu Pro Lys Ala Glu Val Cys Val Arg Asn His Val
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Gln Pro Tyr Ile Pro Ser Ile Leu Glu Ala Leu Met Val Pro Thr Ser
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Gln Gly Phe Thr Glu Val Arg Asp Val Phe Phe Lys Glu Val Thr Asp
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Met Asn Leu Asn Val Ile Asn Glu Gly Gly Ile Asp Lys Leu Gly Glu
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Tyr Met Glu Lys Leu Ser Arg Leu Ala Tyr His Pro Leu Lys Met Gln
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Ser Cys Tyr Glu Lys Met Glu Ser Leu Arg Leu Asp Gly Leu Gln Gln
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Arg Phe Asp Val Ser Ser Thr Ser Val Phe Lys Gln Arg Ala Gln Ile
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His Met Arg Glu Gln Met Asp Asn Ala Val Tyr Thr Phe Glu Thr Leu
 485 490 495

Leu His Gln Glu Leu Gly Lys Gly Pro Thr Lys Glu Glu Leu Cys Lys
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Ser Ile Gln Arg Val Leu Glu Arg Val Leu Lys Lys Tyr Asp Tyr Asp
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Leu Ser Glu Lys Arg Arg Arg Ala Lys Gln Val Val Ser Val Val Gln
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Asp Glu Glu Val Gly Leu Pro Phe Glu Ala Ser Pro Glu Ser Pro Pro
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Pro Ala Ser Pro Asp Gly Val Thr Glu Ile Arg Gly Leu Leu Ala Gln
 690 695 700

Gly Leu Arg Pro Glu Ser Pro Pro Pro Ala Gly Pro Leu Leu Asn Gly
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Ala Pro Ala Gly Glu Ser Pro Gln Pro Lys Ala Ala Pro Glu Ala Ser
725 730 735

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740 745 750

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